

REMARKS

This Preliminary Amendment is to be entered before examination and calculation of the filing fee.

Newly-added claim 28 recites a method that includes generating security information to pass along with a data block. The security information identifies at least one of an encryption algorithm and an authentication algorithm to be performed by a security service. Contrary to the limitations of claim 28, Abadi discloses that Host A sends to the network controller the version of the Host-to-Host Key AD encrypted by its own network controller. Abadi, 5:11-15. It is clear from the context that "version" does not refer to a version of the key as in a version of an encryption algorithm to be used with a key; but rather, Abadi clearly states that the key is the version of the key that is encrypted by its network controller. There is no implication or express teaching in Abadi, however, that an encryption algorithm or authentication algorithm is identified. Therefore, for at least this reason, newly-added claim 28 is patentable over Abadi.

Newly-added independent claim 33 recites a controller for controlling communications with a transport medium. The controller includes a receiving circuit that receives data and associated security control information. The security control information identifies at least one of an authentication algorithm and an encryption algorithm to be performed on the data. For reasons similar to the reasons that are stated above in connection with newly-added claim 28, claim 33 is patentable in view of Abadi, as Abadi does not teach or even suggest transmitting security information that identifies such an algorithm.

Thus, allowance of newly-added claims 28-37 is requested.

For at least the reasons that have been previously submitted, Applicant submits that claims 1-5 and 13-20 overcome the § 102 rejections in view of Abadi. For example, independent claim 1 recites generating security information to pass along with a data block. The security information identifies a security service to perform with the data block. See discussion of independent claim 28 above. In particular, there is no teaching or suggestion in Abadi regarding security information that identifies a security service and is passed along with a data block. Lines 11-15 in column 5 of Abadi do not teach such an identification. Therefore, allowance of claims 1-5 is requested.

Claims 11-13 recite an article that includes machine-readable storage medium that contains instructions that when executed cause a system to determine from information in a data block if a security service has been performed on the data block by the computer peripheral device. The Examiner refers to language in lines 30 and 31 in column 4 of Abadi and to the language in lines 67 and 68 in column 6 of Abadi. However, none of this language teaches or suggest the instructions that are recited in claim 13. Therefore, Applicant requests either a more specific reference to the language that the Examiner contends teaches these limitations or withdrawal of the § 102 rejection of independent claim 13 in view of Abadi. Thus, allowance of claims 13-15 is requested.

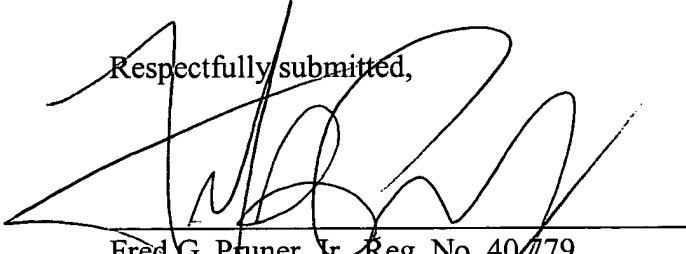
The controller of independent claim 16 includes a receiving circuit to receive data and associated security control information. The security control information identifies a security service to be performed on the data. See discussion of independent claim 28 above. For at least this reason that Abadi fails to teach or suggest a receiving circuit to receive data and associated security control information that identifies a security service to be performed on the data, Abadi fails to anticipate independent claim 16. Thus, for at least this reason, withdrawal of the § 102 rejections of claims 16-20 is requested.

CONCLUSION

In view of the foregoing, withdrawal of the § 102 rejections and a favorable action in form of a Notice of Allowance are requested. The Commissioner is authorized to charge any additional fees or credit any overpayment to Deposit Account No. 20-1504 (ITL.0182US).

Respectfully submitted,

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